

SGCN and Stressors Associated with Habitats

Macrogroup: Northern Peatland & Fens

Habitat Systems within Macrogroup:

MacrogroupName Northern Peatland & Fens

Acadian Maritime Bog

Boreal-Laurentian Bog

Boreal-Laurentian-Acadian Acidic Basin Fen

Laurentian-Acadian Alkaline Fen

North-Central Interior and Appalachian Acidic Peatland

Northern Peatland Macrogroup - Unknown Habitat System (i.e. Macrogroup)

Description: Raised bogs, and boreal-flavor bogs and fens in the glaciated northeast.

SGCN Associated With This Habitat

Total SGCN: 1: 7 2: 15 3: 33

Class	<i>Amphibia</i> (Amphibians)	SGCN Category
Species	<i>Ambystoma laterale</i> (Blue-spotted Salamander)	2
Species	<i>Lithobates septentrionalis</i> (Mink Frog)	3
Species	<i>Lithobates pipiens</i> (Northern Leopard Frog)	2
Class	<i>Aves</i> (Birds)	SGCN Category
Species	<i>Picoides dorsalis</i> (American Three-toed Woodpecker)	3
Species	<i>Picoides arcticus</i> (Black-backed Woodpecker)	3
Species	<i>Setophaga virens</i> (Black-throated Green Warbler)	3
Species	<i>Poecile hudsonicus</i> (Boreal Chickadee)	2
Species	<i>Setophaga tigrina</i> (Cape May Warbler)	3
Species	<i>Petrochelidon pyrrhonota</i> (Cliff Swallow)	3
Species	<i>Tyrannus tyrannus</i> (Eastern Kingbird)	2
Species	<i>Perisoreus canadensis</i> (Gray Jay)	3
Species	<i>Melospiza lincolni</i> (Lincoln's Sparrow)	3
Species	<i>Colaptes auratus</i> (Northern Flicker)	3
Species	<i>Stelgidopteryx serripennis</i> (Northern Rough-winged Swallow)	3
Species	<i>Contopus cooperi</i> (Olive-sided Flycatcher)	2
Species	<i>Pinicola enucleator</i> (Pine Grosbeak)	3
Species	<i>Haemorhous purpureus</i> (Purple Finch)	3
Species	<i>Loxia curvirostra</i> (Red Crossbill)	3
Species	<i>Regulus calendula</i> (Ruby-crowned Kinglet)	2
Species	<i>Euphagus carolinus</i> (Rusty Blackbird)	1
Species	<i>Oreothlypis peregrina</i> (Tennessee Warbler)	2
Species	<i>Bartramia longicauda</i> (Upland Sandpiper)	1
Species	<i>Zonotrichia albicollis</i> (White-throated Sparrow)	3
Species	<i>Loxia leucoptera</i> (White-winged Crossbill)	3
Species	<i>Tringa semipalmata</i> (Willet)	3
Species	<i>Setophaga petechia</i> (Yellow Warbler)	3
Species	<i>Empidonax flaviventris</i> (Yellow-bellied Flycatcher)	3
Class	<i>Gastropoda</i> (Aquatic And Terrestrial Snails)	SGCN Category
Species	<i>Vertigo malleata</i> (Malleated Vertigo)	3
Species	<i>Vertigo morsei</i> (Six-whorl Vertigo)	1
Class	<i>Insecta</i> (Insects)	SGCN Category

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Species	<i>Xylena thoracica</i> (Acadian Swordgrass Moth)	3
Species	<i>Callophrys lanoraieensis</i> (Bog Elfin)	3
Species	<i>Leucorrhinia patricia</i> (Canada Whiteface)	2
Species	<i>Ischnura hastata</i> (Citrine Forktail)	3
Species	<i>Lycaena dorcas claytoni</i> (Clayton's Copper)	2
Species	<i>Plebejus idas empetri</i> (Crowberry Blue)	2
Species	<i>Nannothemis bella</i> (Elfin Skimmer)	3
Species	<i>Boloria frigga saga</i> (Frigga Fritillary)	1
Species	<i>Hemaris gracilis</i> (Graceful Clearwing)	3
Species	<i>Callophrys hesseli</i> (Hessel's Hairstreak)	1
Species	<i>Paonias astylus</i> (Huckleberry Sphinx)	3
Species	<i>Somatochlora incurvata</i> (Incurvate Emerald)	3
Species	<i>Arigomphus furcifer</i> (Lilypad Clubtail)	3
Species	<i>Enallagma laterale</i> (New England Bluet)	2
Species	<i>Hemileuca lucina</i> (New England Buckmoth)	3
Species	<i>Libellula semifasciata</i> (Painted Skimmer)	3
Species	<i>Somatochlora brevicincta</i> (Quebec Emerald)	2
Species	<i>Williamsonia lintneri</i> (Ringed Boghaunter)	1
Species	<i>Somatochlora albicincta</i> (Ringed Emerald)	3
Species	<i>Bombus sandersoni</i> (Sanderson's Bumble Bee)	3
Species	<i>Enallagma pictum</i> (Scarlet Bluet)	2
Species	<i>Aeshna juncea</i> (Sedge Darner)	2
Species	<i>Bombus terricola</i> (Yellowbanded Bumble Bee)	3
Species	<i>Aeshna sitchensis</i> (Zigzag Darner)	3

Class	<i>Reptilia</i> (Reptiles)	SGCN Category
Species	<i>Thamnophis sauritus</i> (Eastern Ribbon Snake)	2
Species	<i>Clemmys guttata</i> (Spotted Turtle)	1

Endangered (E) and Threatened (T) Plant Species Associated With This Habitat

Class	Dicots <i>Dicotyledoneae</i>	State Status
Species	English Sundew <i>Drosera anglica</i>	E
Species	Hoary Willow <i>Salix candida</i>	E
Species	Slender-leaved Sundew <i>Drosera linearis</i>	E

Class	Quillworts And Spike-mosses <i>Isoetopsida</i>	State Status
Species	Low Spike-moss <i>Selaginella selaginoides</i>	T

Class	Monocots <i>Monocotyledoneae</i>	State Status
Species	Horned Beak-rush <i>Rhynchospora capillacea</i>	T
Species	Pickering's Reed Bent-grass <i>Calamagrostis pickeringii</i>	T
Species	Prairie Sedge <i>Carex prairea</i>	T
Species	Prairie White-fringed Orchid <i>Platanthera leucophaea</i>	E
Species	Showy Lady's-slipper <i>Cypripedium reginae</i>	T

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Stressors Associated With This Macrogroup

IUCN Level 2 Threat Name: Dams and Water Management-Use

Notes: A number of peatlands are impacted by dams located on inlet or outlet tributaries

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Notes: A number of peatlands are impacted by dams.

IUCN Level 2 Threat Name: Habitat Shifting or Alteration

Notes: Northern peatlands listed as vulnerable in Whitman et al (2013)

IUCN Level 2 Threat Name: Mining and Quarrying

Notes: peat harvesting/burning unlikely to restart in near future, but impacts could be significant

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IUCN Level 2 Threat Name: Roads and Railroads

Notes: Logging roads unlikely in open peatlands but possible in forested peatlands

IUCN Level 2 Threat Name: Utility and Service Lines

Notes: Powerlines, pipelines etc; some may provide early successional habitat

Habitat Conservation Actions:

Relevant conservation actions for this habitat are assigned within broader habitat groupings in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-15. Click on the Habitat Grouping of interest to launch a habitat based report summarizing relevant conservation actions and associated SGCN.

Species Conservation Actions:

Conservation actions that may benefit species associated with this habitat can be found in Maine's 2015 Wildlife Action Plan: Element 1, Table 1-3. Click on the species of interest to launch a species based report summarizing relevant conservation actions and associated habitats.

The Wildlife Action Plan was developed through a lengthy participatory process with state agencies, targeted conservation partners, and the general public. The Plan is non-regulatory. The species, stressors, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work programs and priorities by state agencies and partners.